| L Number | Hits     | Search Text  | DB                     | Time stamp           |
|----------|----------|--|------------------------|----------------------|
| 1        | 10       | (("6041704") or ("5953426") or ("5790768")                                 | USPAT                  | 2003/12/30 10:48     |
|          | Ì        | or ("5710721") or ("5707158") or   |                        |                      |
|          |          | ("5651103") or ("5608636") or ("5155499")                                  |                        |                      |
|          | _        | or ("5117374") or ("4978971")).PN.   | HCDAM                  | 2003/12/30 10:57     |
| 2        | 1        | ("4746234").PN.  | USPAT<br>USPAT         | 2003/12/30 10:57     |
| 3        | 40<br>40 | 4746234.URPN.<br>4746234.URPN.   | USPAT                  | 2003/12/30 10:52     |
| 5        | 0        | 10/614,280   | USPAT;                 | 2003/12/30 10:58     |
| 3        | o        | 10, 011, 100   | US-PGPUB;              |                      |
|          |          |  | EPO; JPO;              |                      |
|          |          |  | DERWENT;               |                      |
|          | _        |  | IBM_TDB                | 2003/12/30 10:59     |
| 6        | 0        | method adj arrangement adj for adj<br>processing adj printer adjerrors adj | USPAT;<br>US-PGPUB;    | 2003/12/30 10:39     |
|          |          | during   | EPO; JPO;              |                      |
|          |          | duling   | DERWENT;               |                      |
|          |          |  | IBM TDB                |                      |
| 7        | 0        | method adj arrangement adj for adj   | USPAT;                 | 2003/12/30 11:56     |
|          |          | processing adj printer adj errors adj                                      | US-PGPUB;              |                      |
|          |          | during   | EPO; JPO;              |                      |
|          |          |  | DERWENT;               |                      |
|          | 40       | 4746234.URPN.  | IBM_TDB<br>USPAT       | 2003/12/30 11:00     |
| 8 9      | 40       | 4746234.URPN.  | USPAT                  | 2003/12/30 11:00     |
| 10       | 40       | 4746234.URPN.  | USPAT                  | 2003/12/30 11:01     |
| 11       | 40       | 4746234.URPN.  | USPAT                  | 2003/12/30 14:27     |
| 12       | 1        | ("5471925").PN.  | USPAT;                 | 2003/12/30 11:58     |
|          |          |  | US-PGPUB               | 0000 /10 /20 11 . 60 |
| 13       | 1        | ("5894792").PN.  | USPAT;<br>US-PGPUB     | 2003/12/30 11:59     |
|          | 1        | ("5608636").PN.  | USPAT;                 | 2003/12/30 12:15     |
| 14       | 1        | (~5000050 ).FN.  | US-PGPUB               | 2003/12/30 12:10     |
| 15       | 1        | 5608636.pn. and (column-by-column)   | USPAT;                 | 2003/12/30 12:16     |
|          | _        | •  | US-PGPUB               |                      |
| 16       | 0        | 5471925.pn. and (column-by-column)   | USPAT;                 | 2003/12/30 12:16     |
|          | _        |  | US-PGPUB               | 2003/12/30 12:23     |
| 17       | 0        | 5894792.pn. and (column-by-column)   | USPAT;<br>US-PGPUB     | 2003/12/30 12:23     |
| 18       | 1        | ("5146546").PN.  | USPAT;                 | 2003/12/30 12:24     |
| 10       | 1        | ( 3140340 ).114.   | US-PGPUB               |                      |
| 19       | 1        | ("5696541").PN.  | USPAT;                 | 2003/12/30 13:34     |
|          |          |  | US-PGPUB               |                      |
| 20       | 3451     | schilling.inv.   | USPAT;                 | 2003/12/30 13:38     |
|          |          |  | US-PGPUB;<br>EPO; JPO; |                      |
|          |          |  | DERWENT;               |                      |
|          |          |  | IBM TDB                |                      |
| 21       | 4        | schilling.inv. and tilmann   | USPĀT;                 | 2003/12/30 13:35     |
|          |          |  | US-PGPUB;              |                      |
|          |          |  | EPO; JPO;              |                      |
|          |          |  | DERWENT;<br>IBM TDB    |                      |
|          | 22       | schlaaff.inv.  | USPAT;                 | 2003/12/30 13:36     |
| 22       | 22       | Schidali.inv.  | US-PGPUB;              | 2003/12/30 13:00     |
|          |          |  | EPO; JPO;              |                      |
|          |          |  | DERWENT;               |                      |
|          |          |  | IBM_TDB                |                      |
| 23       | 12       | schlaaff.inv. and torsten  | USPAT;                 | 2003/12/30 13:37     |
|          |          |  | US-PGPUB;<br>EPO; JPO; |                      |
|          |          |  | DERWENT;               |                      |
|          |          |  | IBM TDB                |                      |
| 24       | 2        | jauert.inv.  | USPAT;                 | 2003/12/30 13:59     |
|          |          | J  | US-PGPUB;              |                      |
|          |          |  | EPO; JPO;              |                      |
|          | ļ        |  | DERWENT;               |                      |
|          |          |  | IBM_TDB                |                      |

| 25 | 2    | (printhead or "print-head") same pixel  | USPAT;              | 2003/12/30 14:14   |
|----|------|---|---------------------|--------------------|
|    |      | same ((direct adj memory adj access) or   | US-PGPUB;           | İ                  |
|    |      | "DMA") same (word or word\$9 or   | EPO; JPO;           |                    |
|    |      | "word-by-word")   | DERWENT;            |                    |
|    |      | 5000545   | IBM_TDB             | 2003/12/20 14:06   |
| 26 | 5    | 5808747.URPN.   | USPAT               | 2003/12/30 14:06   |
| 27 | 3166 | two near3 buffer near4 memor\$9   | USPAT;              | 2003/12/30 14:07   |
|    |      |   | US-PGPUB;           | 1                  |
|    |      |   | EPO; JPO;           |                    |
|    |      |   | DERWENT;<br>IBM TDB |                    |
|    | 510  | (two near3 buffer near4 memor\$9) and   | USPAT;              | 2003/12/30 14:08   |
| 28 | 518  | ((direct adj memory adj access) or "DMA")                                       | US-PGPUB;           | 2003/12/30 14:00   |
|    |      | ((direct adj memory adj access) or bin )  | EPO; JPO;           |                    |
|    |      |   | DERWENT;            |                    |
|    |      |   | IBM TDB             |                    |
| 29 | 79   | (two near3 buffer near4 memor\$9) and   | USPAT;              | 2003/12/30 14:08   |
|    | '3   | (((direct adj memory adj access) or "DMA")                                      | US-PGPUB;           |                    |
|    |      | same pixel)   | EPO; JPO;           |                    |
|    |      | James p. 11.102.  | DERWENT;            |                    |
|    |      |   | IBM TDB             |                    |
| 30 | 79   | ((two near3 buffer near4 memor\$9) and  | USPAT;              | 2003/12/30 14:09   |
|    |      | (((direct adj memory adj access) or "DMA")                                      | US-PGPUB;           |                    |
|    |      | same pixel)) and ad<20020704  | EPO; JPO;           |                    |
|    |      | •   | DERWENT;            |                    |
|    |      |   | IBM_TDB             |                    |
| 31 | 74   | ((two near3 buffer near4 memor\$9) and  | USPAT;              | 2003/12/30 14:09   |
|    |      | (((direct adj memory adj access) or "DMA")                                      | US-PGPUB;           |                    |
|    |      | same pixel)) and @ad<20020704   | EPO; JPO;           |                    |
|    |      |   | DERWENT;            |                    |
|    |      |   | IBM_TDB             | 0000 (10 (20 14 12 |
| 32 | 6    |   | USPAT               | 2003/12/30 14:13   |
| 33 | 0    | 6041704.URPN. and ((printhead or  | USPAT;              | 2003/12/30 14:15   |
|    |      | "print-head") same pixel same (direct adj                                       | US-PGPUB;           |                    |
|    |      | memory adj access) or "DMA")  | EPO; JPO;           |                    |
|    |      |   | DERWENT;            |                    |
|    |      | 5052406 170701  | IBM_TDB<br>USPAT    | 2003/12/30 14:14   |
| 34 | 1    | 5953426.URPN.   | USPAT               | 2003/12/30 14:14   |
| 35 | 2    | 5790768.URPN.   | USPAT;              | 2003/12/30 14:15   |
| 36 | 0    | 5790768.URPN. and ((print\$9) same pixel same (direct adj memory adj access) or | US-PGPUB;           | 2005/12/50 11:15   |
|    |      | "DMA")  | EPO; JPO;           |                    |
|    |      | DMA )   | DERWENT;            |                    |
|    |      |   | IBM TDB             |                    |
| 37 | 5    | 5710721.URPN.   | USPAT               | 2003/12/30 14:15   |
| 38 | 1    | 5710721.URPN. and ((print\$9) same pixel  | USPAT;              | 2003/12/30 14:21   |
| 30 | 1    | same (direct adj memory adj access) or  | US-PGPUB;           |                    |
|    |      | "DMA")  | EPO; JPO;           |                    |
|    |      |   | DERWENT;            |                    |
|    |      |   | IBM TDB             |                    |
| 39 | 5    | 5707158.URPN.   | USPĀT               | 2003/12/30 14:21   |
| 40 | 0    | 5707158.URPN. and ((print\$9) same pixel  | USPAT;              | 2003/12/30 14:22   |
|    |      | same (direct adj memory adj access) or  | US-PGPUB;           |                    |
|    |      | "DMA")  | EPO; JPO;           |                    |
|    |      |   | DERWENT;            |                    |
|    | 1    |   | IBM_TDB             |                    |
| 41 | 6    |   | USPAT               | 2003/12/30 14:22   |
| 42 | 0    | 5651103.URPN. and ((print\$9) same pixel  | USPAT;              | 2003/12/30 14:23   |
|    | 1    | same (direct adj memory adj access) or  | US-PGPUB;           |                    |
|    |      | "DMA")  | EPO; JPO;           |                    |
|    |      |   | DERWENT;            |                    |
|    |      |   | IBM_TDB             | 00000110100        |
| 43 | 6    |   | USPAT               | 2003/12/30 14:22   |
| 44 | 4    |   | USPAT               | 2003/12/30 14:23   |
| 45 | 0    | 5651103.URPN. and ((print\$9) same pixel  | USPAT;              | 2003/12/30 14:23   |
|    |      | same (direct adj memory adj access) or  | US-PGPUB;           |                    |
|    |      | "DMA")  | EPO; JPO;           |                    |
|    |      |   | DERWENT;            |                    |
| i  |      |   | IBM TDB             | _ L                |

|    |    | [FCOOCOC VDDV //mintCO\ como nivo]       | USPAT;    | 2003/12/30 14:24 |
|----|----|--|-----------|------------------|
| 46 | 0  | 5608636.URPN. and ((print\$9) same pixel | US-PGPUB; | 2003/12/30 14:24 |
|    |    | same (direct adj memory adj access) or   |           |                  |
|    |    | "DMA")                                   | EPO; JPO; |                  |
|    |    |  | DERWENT;  |                  |
|    |    |  | IBM_TDB   |                  |
| 47 | 9  |  | USPAT     | 2003/12/30 14:23 |
| 48 | 0  |  | USPAT;    | 2003/12/30 14:25 |
|    |    | same (direct adj memory adj access) or   | US-PGPUB; |                  |
|    |    | "DMA")                                   | EPO; JPO; |                  |
|    |    |  | DERWENT;  |                  |
|    |    |  | IBM TDB   |                  |
| 49 | 7  | 5117374.URPN.                            | USPAT     | 2003/12/30 14:24 |
| 50 | 7  | 5117374.URPN.                            | USPAT     | 2003/12/30 14:24 |
| 51 | 22 | T  | USPAT     | 2003/12/30 14:24 |
| 52 | 22 | 4978971.URPN.                            | USPAT     | 2003/12/30 14:24 |
| 53 | 1  | 4978971.URPN. and ((print\$9) same pixel | USPAT;    | 2003/12/30 14:25 |
| 53 | 1  | same (direct adj memory adj access) or   | US-PGPUB; |                  |
|    |    | "DMA")                                   | EPO; JPO; |                  |
|    |    | DMA )                                    | DERWENT;  | 1                |
|    |    |  | IBM TDB   |                  |
| 1  |    | ACTOCTA HDDN and //maint(0) come nivel   | USPAT;    | 2003/12/30 14:27 |
| 54 | 1  |  | US-PGPUB; | 2003/12/30 14.27 |
|    |    | same (direct adj memory adj access) or   | EPO; JPO; |                  |
| İ  |    | "DMA")                                   | DERWENT;  |                  |
|    |    |  |           |                  |
|    |    |  | IBM_TDB   | 0002/10/20 14-27 |
| 55 | 1  | 4746234.pn.                              | USPAT     | 2003/12/30 14:27 |
| 56 | 40 | 4746234.URPN.                            | USPAT     | 2003/12/30 14:27 |
| 57 | 1  | 4746234.URPN. and ((print\$9) same pixel | USPAT;    | 2003/12/30 14:28 |
|    |    | same (direct adj memory adj access) or   | US-PGPUB; |                  |
|    | İ  | "DMA")                                   | EPO; JPO; |                  |
|    |    |  | DERWENT;  |                  |
|    |    |  | IBM_TDB   |                  |
| 58 | 5  | 5710721.URPN.                            | USPAT     | 2003/12/30 14:28 |
| 59 | i  |  | USPAT;    | 2003/12/30 14:29 |
|    |    |  | US-PGPUB  |                  |